

[54] HETEROGENEOUS IMMUNOASSAY FOR DIGOXIN USING OUABAIN AS A SEPARATION MEANS

[75] Inventors: William J. Freytag, Wilmington, Del.; Shung-Ho Chang, Encinitas, Calif.

[73] Assignee: E. I. Du Pont de Nemours and Company, Wilmington, Del.

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[58] Field of Search 435/7, 14, 810; 436/512, 536, 541, 542, 804, 808, 815, 823

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Primary Examiner—Sidney Marantz

Attorney, Agent, or Firm—George A. Frank; Gerald E. Deitch

[57] ABSTRACT

A heterogeneous immunoassay for digoxin. An excess of labeled anti-digoxin antibody is added to a test sample and the resulting reaction mixture is contacted with a solid phase having ouabain immobilized thereon. All the free, labeled antibody binds to the ouabain. The eluted digoxin anti-digoxin antibody complex is measured for label activity. A competitive mode is also disclosed.

20 Claims, 1 Drawing Figure

